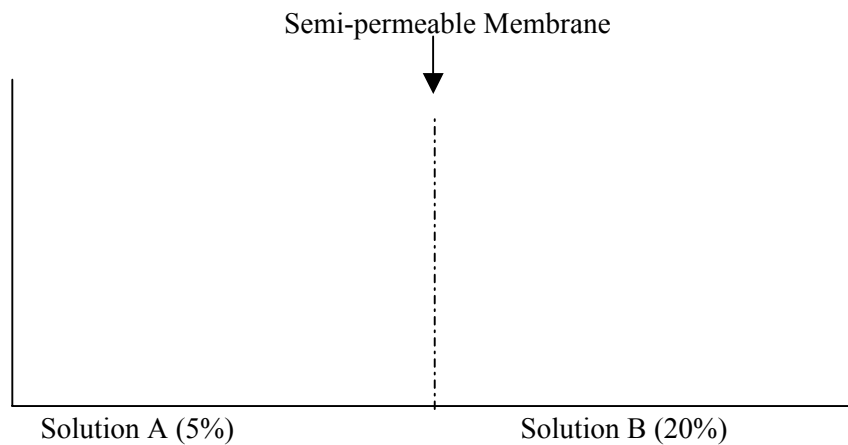


Osmosis and Diffusion

7. What is turgor pressure?

8. Solution A has 5% (95% water) solute. Solution B has 20% solute (80% water). If these two solutions are placed on opposite sides of a semi-permeable membrane, which side is hypertonic? Which side is Hypotonic? Use the picture below to show this scenario. **Draw in the solute (dots).**



9. **Draw an arrow** on your diagram to show which way the water (solvent) will move. Be sure to **label the arrow** with the word 'water'.
10. If we assume that the solute was able to pass through the membrane, **draw a second arrow** on your diagram to show direction the solute would move. Be sure to **label the arrow** with the word 'solute'.

Questions to Guide Analysis:

1. What was the purpose of this lab activity? Explain.